Author Index

ABRAHAM, E. & CHANG, Y-H. Generation of functionally active suppressor cells by haemorrhage and haemorrhagic serum, 237

ABRAMOWICZ, D. see GOLDMAN, M. ADDISON, P.J. see McHugh, N.J.

ADLER, M. see DEVIERE, J.

AIUTI, F. see PAGANELLI, R.

ALVARO-GRACIA, J.M. see KREMER, L.

ANTONY, G. see CHARLTON, B.

APPENDINO, C. see Rossi, M.E.

ARNTZ, O.J. see VAN DEN BROEK, M.F.

AVILA, J. see KREMER, L.

AZZARI, C. see Rossi, M.E.

BACH, J.F. Mechanisms of autoimmunity in insulin-dependent diabetes mellitus, 1

BAENKLER, H-W. see WINKLER, T.H.

BAHR, G.M., ROOK, G.A.W., SHAHIN, S., STANFORD, J.L., SATTAR, M.I. & BEHBEHANI, K. HLA-DR-associated isotype-specific regulation of antibody levels to mycobacteria in rheumatoid arthritis.

BALL, J. see JACKSON, N.

BARNES, P.F. see SHEN, J-Y.

BARRETT, M.J., BUCKLEY, R.H., SCHIFF, S.E., KIDD, P.C. & WARD, F.E. Accelerated development of immunity following transplantation of maternal marrow stem cells into infants with severe combined immunodeficiency and transplacentally acquired lymphoid chimerism. 118

BARRISON, I.G. see GRIFFITHS, C.E.M.

BEGLEY, C.G. see WILLIAMSON, D.J.

BEHBEHANI, K. see BAHR, G.M.

BEISCHEL, L. see WELCH, T.R.

BELLONE, G. see MATERA, L.

BERKOWITZ, E. see CARSONS, S.E. BLACK, C.M. see ROSENBAUM, J.

BLACKWOOD, L. see KROWKA, J.

BLAJCHMAN, M.A. see SINGAL, D.P.

BLERVAQUE, A. see PASQUALI, J.-L.

BOTTO, M. see MOLDENHAUER, F.

BOYCE, N.W. & HOLDSWORTH, S.R. A new experimental model of insitu immune complex disease of the lung, 493

Brandon, M.R. see Gorrell, M.D.

BRAVERMAN, L.E. see DE BRUIN, T.W.A.

BREEDVELD, F.C. see LOBATTO, S.

BRIDTS, C.H. see DE CLERK, L.S.

BRODKIN, M. & NOBLE, B. Antibody-mediated proliferation of proximal tubule cells requires cross-linking of antigenic determinants, 314

BROMIDGE, E. see JACKSON, N.

BROWN, B.R. see ROTH, T.P.

BROWN, R.S. see DE BRUIN, T.W.A.

BRUGGEN, J. see ZWADLO, G.

BRUYNS, C. see GOLDMAN, M.

BUCKLEY, R.H. see BARRETT, M.J.

BUSCH, M. see KROWKA, J.

BYRON, M.A. see ROSENBAUM, J.

CAPOBIANCHI, M.R. see PAGANELLI, R.

CARSONS, S.E., SCHWARTZMAN, S., DIAMOND, H.S., BERKOWITZ, E. Interaction between fibronectin and Clq in rheumatoid synovial fluid and normal plasma, 37

CATS, A. see LOBATTO, S.

CATTO, R.D. see CUNNINGHAM, C.

CAUN, K. see GRIFFITHS, C.E.M.

CHANG, Y-H. see ABRAHAM, E.

CHARLTON, B., ANTONY, G., COOPER, S.G. & SCHINDHELM, K. A comparison of the effects of plasma exchange and immunoadsorption on anti-insulin antibody synthesis in rabbits. 325

CHIANG, B.N. see Su, H-L.

CHIFFMAN, G. see COHN, D.A.

CLAVERIE, N., PASQUALI, J-L., MAMONT, P.S., DANZIN, C., WEILBOUSSON, M. & SIAT, M. Immunosuppressive effects of (2R-5R)-6-heptyne-2-5-diamine, an inhibitor of polyamine synthesis: II. Beneficial effects on the development of a lupus-like disease in MRL-lpr/lpr mice. 292

COHEN, M.G., POLLARD, K.M. & SCHRIEBER, L. Relationship of age and sex to autoantibody expression in MRL-+/+ and MRL-lpr/lpr mice: demonstration of an association between the expression of antibodies to histones, denatured DNA and Sm in MRL-+/+ mice,

50

COHN, D.A. & SCHIFFMAN, G. Minimal role for the spleen in antibody responses of C57BR/cdj mice to pneumococcal polyysaccharide antigens, 151

COLACO, C.B., HARRIS, G., LAWLEY, P.D., LYDYARD, P.M. & ROITT, I.M. Deficient repair of O⁶-methylguanine in lymphocytes from rhuematoid arthritis families may be an acquired defect, 15

COOPER, S.G. see CHARLTON, B.

COPPOCK, J.S. see Fellows, G.

CUMMINGS, A.G., MUNRO, G.H. & FERGUSON, A. Effect of cyclosporin A on rat mucosal mast cells and the associated protease RMCPII, 136

CUNNINGHAM, C., POWER, D.A., STEWART, K.N. & CATTO, G.R.D. The influence of cyclosporin A on alloantibody responses in inbred rats: provisional evidence for a serum factor with antiidiotypic activity, 130

DAHA, M.R. see LOBATTO, S.

DAHA, M.R. see VAN DEN WALL BAKE, A.W.L.

DANIAL, B.H. see RAZIUDDIN, S.

DANZIN, C. see CLAVERIE, N.

Davey, F.R. see Tice, D.G. de Bruin, T.W.A., Patwardhan, N.A., Brown, R.S. & Braverman,

L.E. Graves' disease: changes in TSH receptor and anti-microsomal

antibodies after thyroidectomy, 481
DE CLERK, L.S., GIGASE, P.L., BRIDTS, C.H. & STEVENS, W.J. Role of IgM-rheumatoid factor interference in the determination of total serum IgE and IgE-containing circulating immune complexes, 32

DE LA MORENA, M.T. see FERNANDEZ-CRUZ, E.

DENYS, C. see DEVIERE, J.

DE PANFILIS, G. see FERRARI, C.

DE ROSA, F. see SIRACUSANO, A.

DESTEPHANO, L. see WAINBERG, M.A.

DEVEY, M.E. see RATH, S.

DEVIERE, J., DENYS, C., SCHANDENE, L., ROMASCO, F., ADLER, M., WYBRAN, J. & DUPONT, E. Decreased proliferative activity associated with activation markers in patients with alcoholic liver cirhosis, 377 DIAMANTSTEIN, T. see JOSIMOVIC-ALASEVIC, O.

DIAMOND, H.S. see CARSONS, S.E.

DIANSANI, F. see PAGANELLI, R.

DOCKRELL, H.M. see ROBERTS, P.P.

D'Offizi, G.P. see Paganelli, R.

Du Bois, R.M. see Milburn, H.J.

DUBEY, J.P. see HUGHES, H.P.A.

DUPONT, E. see DEVIERE, J.

EGUCHI, K., OTSUBO, T., KAWABE, Y., SHIMOMURA, C., UEKI, Y., NAKAO, H., TEZUKA, H., MATSUNAGA, M., FUKUDA, T., ISHIKAWA, N., ITO, K. & NAGATAKI, S. Synergy in antigen presentation by thyroid epithelial cells and monocytes from patients with Graves' disease, 84

EMERY, P., GENTRY, K.C. & MACKAY, I.R. Interleukin 2 inhibitor in synovial fluid, 60

ENSOLI, B. see PAGANELLI, R.

EVERSSCHOUTEN, J.H. see LOBATTO, S.

FACCHINI, J. see PAGANELLI, R. FEIGHERY, C.F. see KELLY, L.P.

FELDMEIER, H. see JoSIMOVIC-ALASEVIC, O.

FELLOWS, G., GITTOES, N., SCOTT, D.G.I., COPPOCK, J.S., WAIN-WRIGHT, A., GOODALL, M. & TURNER, B.M. Individual variation in the isotope profile of anti-histone autoantibodies in systemic lupus erythematosus, 440

FELSTEIN, M.V. & MOWAT, A.McI. Experimental studies of immunologically mediated enteropathy: IV. Correlation between immune effector mechanisms and type of enteropathy during a GvHR in neonatal mice of different ages, 103

FERGUSON, A. see LAMONT, A.G. FERGUSON, A. see CUMMINGS, A.G. FERGUSON, A. see TRONCONE, R.

FERNANDEZ, A.M. see FERNANDEZ-CRUZ, E.

FERNANDEZ, N., HITMAN, G.A., FESTENSTEIN, H., GARDE, L., LABETA, M., WALKER-SMITH, J.A. & SACHS, J.A. Novel HLA Class IIassociated structural patterns in coeliac disease and type I diabetes,

FERNANDEZ-CRUZ, E., FERNANDEZ, A.M., GUTIERREZ, C., GARCIA-MONTES, M., DE LA MORENA, M.T., RODRIQUEZ-VILLANUEVA, J., LONGO, N. & ZABAY, J.M. Progressive cellular immune impairment leading to development of AIDS: two-year prospective study of HIV infection in drug addicts, 190

FERRARI, C., SANSONI, P., ROWDEN, G., MANARA, G.C., TORRESANI, C. & DE PANFILIS, G. One half of the CDIL. human peripheral blood T lymphocytes coexpresses the S-100 protein, 357

FESTENSTEIN, H. see FERNANDEZ, N.

FOA, R. see MATERA, L. FRANKLIN, I.M. see JACKSON, N.

FRY, L. see GRIFFITHS, C.E.M. FUKOMOTO, T. see TANAKA, M.

FUKUDA, T. see EGUCHI, K. FUNARO, A. see MATERA, L.

GANDOLFI, A.J. see ROTH, T.P.

GARCIA-MONTES, M. see FERNANDEZ-CRUZ, E.

GARDE, L. see FERNANDEZ, N. GENTRY, K.C. see EMERY, P GERHARDS, G. see ZWADLO, G. GIGASE, P.L. see DE CLERK, L.S.

GIONCHETTI, P., MAHIDA,, Y.R., PATEL, S. & JEWELL, D.P. Macrophage and lymphocyte subpopulations in magnifying endoscopic lesions of Crohn's disease, 373

GITTOES, N. see FELLOWS, G. GOLDMAN, H. see WAINBERG, M.A.

GOLDMAN, M., ABRAMOWICZ, D., LAMBERT, P., VANDERVORST, P., BRUYNS, C. & TOUSSAINT, C. Hyperactivity of donor B cells after neonatal induction of lymphoid chimerism in mice, 79

GOODALL, M. see FELLOWS, G. GORDON, M. see LAMONT, A.G.

GORRELL, M.D., WILLIS, G., BRANDON, M.R. & LASCELLES, A.K. Lymphocyte phenotypes in the intestinal mucosa of sheep infected with Trichostrongylus colubriformis, 273

GRAY, A.G., MORGAN, J., LINCH, D.C. & HEUHNS, E.R. Uptake of antibody directed cytotoxic liposomes by CD3 on human T cells, 168 GRIFFITHS, C.E.M., BARRISON, I.G., LEONARD, J.M., CAUN, K., VALDI-MARSSON, H. & FRY, L. Preferential activation of CD4 T lymphocytes

in the lamina propria of gluten-sensitive enteropathy, 279 GRIFFITHS, P.D. see MILBURN, H.J. GRUNDY, J.E. see MILBURN, H.J. GUTIERREZ, C. see FERNANDEZ-CRUZ, E.

HAAIJMAN, J.J. see VAN DEN WALL BAKE, A.W.L. HALLIDAY, W.J. see HARRIOT-SMITH, T.G.

HAN, S.H. see Su, H-L.

HARMS, G. see JOSIMOVIC-ALASEVIC, O.

HARRIOT-SMITH, T.G. & HALLIDAY, W.J. Suppression of contact hypersensitivity by short-term ultraviolet irradiation: II. The role of urocanic acid, 174

HARRIS, G. see COLACO, C.B. HEDFORS, E. see LINDAHL, G. HEIMDAHL, A. see LJUNGMAN, P. HENDERSON, B. see THOMPSON, H.S.G. HENSCHEL, T.A. see WINKLER, T.H.

HERSHMAN, M.J., POLK, JR, H.C., PIETSCH, J.D., KUFINEC, D. & SONNENFELD, G. Modulation of Klebsiella pneumoniae infection of mice by interferon-y, 406

HEUHNS, E.R. see GRAY, A.G. HITMAN, G.A. see FERNANDEZ, N.

Ho, M. see SINGH, B.

HOBBS, S.M. see THOMPSON, H.S.G.

HOLDSWORTH, S.R. see BOYCE, N.W.

HOLLANDER, H. see KROWKA, J. HOMMEL, M. see SINGH, B.

HOPKINS, S.J., HUMPHREYS, M. & JAYSON, M.I.V. Cytokines in synovial fluid: I. The presence of biologically active and immunoreactive IL-1,

HOWIE, S.E.M., NORVAL, M., MAINGAY, J.P., ROSS, J.A. & NEILL, W.A. The role of antigen presentation in the ontogeny of immune responses to herpes simplex virus, 201

HUANG, M.H. see Su, H-L HUBBARD, A.K. see ROTH, T.P.

HUGHES, H.P.A., KASPER, L.H., LITTLE, J. & DUBEY, J.P. Absence of a role for natural killer cells in the control of acute infection Toxoplasma gondii oocysts, 394

HUMPHREYS, M. see HOPKINS, S.J.

HURME, M. see REPO, H.

IBARROLA, A.S. see VILLARO, J. INADA, M. see TAKAGI, S. INATSUKI, B. see SEKINO, T.

ISAAC, L. & MARIANO, M. The IgM receptor in mouse peritoneal macrophages, 516

ISHIKAWA, N. see EGUCHI, K. ISHIZAKA, S. see KURIYAMA, S. ITO, K. see EGUCHI, K.

JAATTELA, M. see REPO, H.

JACKSON, N., LING, N.R., BALL, J., BROMIDGE, E., NATHAN, P.D. & Franklin, I.M. An analysis of myeloma plasma cell phenotype using antibodies defined at the IIIrd international workshop on human leucocyte differentiation antigens, 351

JAMES, I.E. see McHugh, N.J. JAYSON, M.I.V. see HOPKINS, S.J. JEANSSON, S. see LJUNGMAN, P. JEWELL, D.P. see GIONCHETTI, P.

JONES, C., MERMELSTEIN, N., KINCAID-SMITH, P., POWELL, H. & ROBERTSON, D. Quantitation of human serum polymeric IgA, IgA1, and IgA2 immunoglobulin by enzyme immunoassay, 343

JONSSON, R. see TARKOWSKI, A.

JOSEPH, S. see SINGAL, D.P.

JOSIMOVIC-ALASEVIC, O., FELDMEIER, H., ZWINGENBERGER, K., HARMS, G., KAHN, H., SHRISUPHANUNT, M., DIAMANSTEIN, T. Interleukin 2 receptor in patients with localized and systemic parasitic diseases, 248

KAHN, H. see JOSIMOVIC-ALASEVIC, O. KALDEN, J.R. see WINKLER, T.H. KALIES, I. see WINKLER, T.H. KANEKO, T. see TANAKA, M.

KARSH, J. see LAZAROVITS, A.I. KASPER, L.H. see HUGHES, H.P.A.

KAWABE, Y. see EGUCHI, K.

KELLY, L.P., FEIGHERY, C.F. & WEIR, D.G. Immunoglobulin A1 and A2 subclass of salivary antibodies to Candida albicans in patients with oral candidosis, 349

KELSO, A. see EMERY, P. KIDD, P.C. see BARRETT, M.J. KIKUCHI, E. see KURIYAMA, S. KINCAID-SMITH, P. see JONES, C. KINOSHITA, K. see KURIYAMA, S.

KITAGAMI, K. see KURIYAMA, K. KLARESKOG, L. see Tarkowski, A.

KLEESATTEL, A. see WELCH, T.R. KNAPP, A.-M. see PASQUALI, J.-L.

KOOPMAN, W.J. see TARKOWSKI, A. KORETZ, K. see MOMBURG, F.

KORVER, K., RADL, J., SCHELLEKENS, P.TH.A. & VOSSEN, J.M. Transient increase of serum IgD levels after allogeneic bone-marrow transplantation, 336

KREMER, L., ALVARO-GRACIA, J.M., OSSORIO, C. & AVILA, J. Proteins responsible for anticentromere activity found in the sera of patients with CREST associated Raynaud's phenomenon, 465

KROWKA, J., STITES, D., MILLS, J., HOLLANDER, H., McHUGH, T., BUSCH, M., WILHELM, L. & BLACKWOOD, L. Effects of interleukin 2 and large envelope glycoprotein (gp120) of human immunodeficiency virus (HIV) on lymhocyte proliferative responses to cytomegalovirus, 179

KUFTINEC, D. see HERSHMAN, M.J.

KURIYAMA, S., TSUJII, T., ISHIZAKA, S., KIKUCHI, E., KINOSHITA, K., NISHIMURA, K., KITAGAMI, K., YOSHIKAWA, M. & MATSUMOTO, M. Enhancing effects of oral adjuvants on anti-HBs responses induced by hepatitis B vaccine, 383

LABETA, M. see FERNANDEZ, N. LAMBERT, P. see GOLDMAN, M.

LAMONT, A.G., GORDON, M. & FERGUSON, A. T lymphocyte function in protein derived mice. 113

LASCELLES, A.K. see GORRELL, M.D.

LAWLEY, P.D. see COLACO, C.B.

LAZAROVITS, A.I. & KARSH, J. Decreased expression of CD7 occurs in rheumatoid arthritis, 470

LEIRISALO-REPO, M. see REPO, H. LEONARD, J.N. see GRIFFITHS, C.E.M.

LINCH, D.C. see GRAG, A.G.

LINDAHL, G., LONNQUIST, B. & HEDFORS, E. Lymphocyte infiltration and HLA-DR expression of salivary glands in bone marrow transplant recipients: a prospective study, 266

LING, N.R. see JACKSON, N. LITTLE, J. see HUGHES, H.P.A.

LJUNGMAN, P., ZETTERQVIST, L., SUNDQVIST, V-A., JEANSSON, S., HEIM-DAHL, A. & WAHREN, B. Lymphocyte and IgG responses to different herpes simplex virus antigens in patients with frequent HSV-I reactivations, 207

LOBATTO, S., DAHA, M.R., BREEDVELD, F.C., PAUWELS, E.K.J., EVERSS-CHOUTEN, J.H., VOETMAN, A.A., CATS, A. & VAN ES L.A. Abnormal clearance of soluble aggregates of human immunoglobulin G in patients with systemic lupus erythematosus, 55

patients with systemic lupus erythe LOIZOU, S. see ROSENBAUM, J. LONGO, N. see FERNANDEZ-CRUZ, E. LONNQUIST, B. see LINDAHL, G. LOOARESUWAN, S. see SINGH, B. LUDWIN, D. see SINGAL, D.P. LYDYARD, P.M. see COLACO, C.B.

MACKAY, I.R. see EMERY, P. MAHIDA, Y.R. see GIONCHETTI, P. MAINGAY, J.P. see HOWIE, S.E.M. MALAVASI, F. see MATERA, L. MAMONT, P.S. see PASQUALI, J.-L. MAMONT, P.S. see CLAVERIE, N. MANARA, G.C. see FERRARI, C. MARIANO, M. see ISAAC, L.

MARWITZ, P.A., VAN ARKEL-VIGNA, E., RIJKERS, G.T. & ZEGERS, B.J.M. Expression and modulation of cell surface determinants on human adult and neonatal monocytes, 259

MATERA, L., FOA, R., MALAVASI, F., BELLONE, G., FUNARO, A., VEGLIA, F. & SANTOLI, D. Generation of non-MHC restricted killing in cultures stimulated with B cells from chronic lymphocytic leukaemia patients: phenotypic characterization of the precursor and effector cells, 302

MATHAI, E. see SINGH, B.

MATHIESEN, T., PERSSON, M.A.A., SUNDQVIST, V-A. & WAHREN, B. Neutralization capacity and antibody dependent cell-mediated cytotoxicity of separated IgG subclasses 1, 3 and 4 against herpes simplex virus, 211

MATSUMOTO, M. see KITAGAMI, S. MATSUNAGA, M. see EGUCHI, K. MCADAM, K.P.W. see ROBERTS, P.P. MCGHEE, J.R. see WARD, D.C.

McHugh, N.J., James, I.E. & Maddison, P.J. Differential isotype recognition of two centromere associated polypeptides by immunoblotting in connective tissue disease, 457

McHugh, T. see Krowka, J.

MERMELSTEIN, N. see JONES, C.

METCALF, D. see WILLIAMSON, D.J.

MEYER, P.R. see SHEN, J-Y. MICHALEK, S.M. see WARD, D.C.

MILBURN, H.J., GRUNDY, J.E., Du Bois, R.M., PRENTICE, H.G. & GRIFFITHS, P.D. Humoral immune responses within the lung of bone marrow transplant recipients studied by bronchoalveolar lavage, 308 MILLS, J. see KROWKA, J.

MOLDENHAUER, F., BOTTO, M., WALPORT, M.J. The rate of loss of CRI from ageing erythrocytes in vitro in normal subjects and SLE patients: no correlation with structural or numerical polymorphisms, 74

MOLLER, P. see MOMBURG, F.

MOMBURG, F., KORETZ, K., VON HERBAY, A. & MOLLER, P. Nonimmune human cells can express MHC Class II antigens in the absence of invariant chain—an immunohistological study on normal and chronically inflamed small intestine, 367

Morgan, J. see Gray, A.G. Mowat, A.McI. see Felstein, M.V. Munro, G.H. see Cummings, A.G.

NAGATAKI, S. see EGUCHI, K.
NAKAO, H. see EGUCHI, K.
NATHAN, P.D. see JACKSON, N.
NEILL, W.A. see HOWIE, S.E.M.
NISHIMURA, K. see KURIYAMA, S.
NOBLE, B. see BRODKIN, M.
NORVAL, M. see HOWIE, S.E.M.
NOTARGIACOMO, S. see SIRACUSANO, A.
NOWAK, Z. see SELMAJ, K.
NUMAZAKI, K. see WAINBERG, M.A.

OGAWA, H. & TSUNEMATSU, T. Participation of suppressor-inducer cells in the suppression of adjuvant arthritis by transfer of spleen cells expanded by T cell growth factor, 476

OKAWA, H. see TAKAGI, S. OSSORIO, C. see KREMER, L. OTSUBO, T. see EGUCHI, K. OXHOLM, P. see PEDERSEN, B.K.

PAGANELLI, R., CAPOBIANCHI, M.R., ENSOLI, B., D'OFFIZI, G.P., FACCHINI, J., DIANZANI, F. & AIUTI, F. Evidence that defective gamma interferon production in patients with primary immunodeficiencies is due to intrinsic incompetence of lymphocytes, 124

PASQUALI, J.-L., MAMONT, P.S., WERYHA, A., KNAPP, A.-M., BLERVA-QUE, A. & SIAT, M. Immunosuppressive effects of (2R,5R)-6-heptyne-2,5-diamine: an inhibitor of polyamine synthesis: I. Effects on mitogen-induced immunoglobulin production in human cultured lymphocytes, 141

PASQUALI, J-L. see CLAVERIE, N.

PATEL, S. see GIONCHETTI, P. PATWARDHAN, N.A. see DE BRUIN, T.W.A.

PAUWELS, E.K.J. see LOBATTO, S. PEARSON, J.D. see ROSENBAUM, J.

PEDERSEN, B.K. & OXHOLM, P. Impaired release of natural killer cytotoxic factor in patients with primary Sjögren's syndrome, 298

Penhale, W.J. & Young, P.R. The influence of the normal microbial flora on the susceptibility of rats to experimental autoimmune thyroiditis, 287

PEPPARD, J.V. see THOMPSON, H.S.G. PERSSON, M.A.A. see MATHIESEN, T.

PEZZATI, P. see Rossi, M.E.

PIETSCH, J.D. see HERSHMAN, M.J. POLK, H.C. see HERSHMAN, M.J.

POLLARD, K.M. see COHEN, M.G.

POTTINGER, B.E. see ROSENBAUM, J.

POTTINGER, B.E. SEE ROSENBAUM

POWELL, H. see JONES, C.

POWER, D.A. see CUNNINGHAM, C. PRENTICE, H.G. see MILBURN, H.J.

PURROY, A. see VILLARO, J.

Quintieri, F. see Siracusano, A.

RADL, J. see VAN DEN WALL BAKE, A.W.L.

RADL, J. see KORVER, K.

RAGER-ZISMAN, B. see WOLFSON, M.

RATH, S. & DEVEY, M.E. IgG subclass composition of antibodies to HBsAg in circulating immune complexes from patients with hepatitis B virus infections, 164

RAZIUDDIN, S. & DANIAL, B.H. OKT4+ T cell deficiency and an association of immunoglobulin deficiency in systemic lupus erythematosus, 446

REA, T.H. see SHEN, J-Y.

RENOUX, M.L. see WEILL, B.J.

REPO, H., JÄÄTTELÄ, M., LEIRISALO-REPO, M. & HURME, M. Production of tumour necrosis factor and interleukin 1 by monocytes of patients with previous Yersinia arthritis, 410

RESTI, M. see Rossi, M.E. RUKERS, G.T. see MARWITZ, P.A. ROBERGE, B. see SINGAL, D.P.

ROBERTS, P.P., DOCKRELL, H.M. & MCADAM, K.P.W. Evidence that the Mitsuda reaction to Mycobacterium leprae can be mediated by lymphocytes responsivie to Mycobacterium tuberculosis, 390

ROBERTSON, C. see JONES, C.

RODRIGUEZ-VILLANUEVA, J. see FERNANDEZ-CRUZ, E.

ROHRBACH, M.S. see VUK-PAVLOVIC, Z.

ROITT, I.M. see COLACO, C.B. ROMASCO, F. see DEVIERE, J ROOK, G.A.W. see BAHR, G.M.

ROSENBAUM, J., POTTINGER, B.E., WOO, P., BLACK, C.M., LOIZOU, S., Byron, M.A. & Pearson, J.D. Measurement and characterization of circulating anti-endothelial cell IgG in connective tissue diseases, 450

Ross, J.A. see Howie, S.E.M.

ROSSI, M.E., AZZARI, C., RESTI, M., APPENDINO, C., PEZZATI, P. & VIERUCCI, A. Selectivity in IgG subclass response to heptitis B vaccine in infants born to HBsAg-positive mothers, 196

ROTH, T.P., HUBBARD, A.K., GANDOLFI, A.J. & BROWN, B.R. Chronology of halothane-induced antigen expression in halothane-exposed, rabbits, 329

ROWDEN, G. see FERRARI, C.

SACHS, J.A. see FERNANDEZ, N. SANCHEZ, R. see TARKOWSKI, A. SANSONI, P. see FERRARI, C. SANTOLI, D. see MATERA, L. SATTAR, M.I. see BAHR, G.M.

SCHANDENE, L. see DEVIERE, J. SCHAUER, U. B cell growth factor activity in supernatants of MRL-lpr/

lpr derived T cell hybridomas, 254 SCHELLEKENS, P.TH.A. see KORVER, K.

SCHIFF, S.E. see BARRETT, M.J. SCHINDHELM, K. see CHARLTON, B. SCHLEGEL, R. see ZWADLO, G. SCHRIEBER, L. see COHEN, M.G.

SCHWARTZMAN, S. see CARSONS, S.E. SCOTT, D.E.I. see FELLOWS, G.

SEKINO, T., SHISHIBA, Y., INATSUKI, B. & YATA, J. Heterogeneity of the immune status concerning anti-thyroglobulin antibody production among patients with Hashimoto's thyroiditis: an in vitro study, 486

SELMAJ, K., NOWAK, Z. & TCHORZEWSKI, H. Multiple sclerosis: effect of myelin basic protein on interleukin 1, interleukin 2 production and interleukin 2 receptor expression in vitro, 428

SHAHIN, S. see BAHR, G.M.

SHEN, J-Y., BARNES, P.F., REA, T.H. & MEYER, P.R. Immunohistology of tuberculous adenitis in symptomatic HIV infection, 186

SHIMOMURA, C. see EGUCHI, K SHINOHARA, K. see TANAKA, M. SHINWELL, E.S. see WOLFSON, M. SHISHIBA, Y. see SEKINO, T.

SHRISUPHANUNT, M. see JOSIMOVIC-ALASEVIC, O.

SIAT, M. see PASQUALI, J.-L. SIAT, M. see CLAVERIE, N.

SINGAL, D.P., FLAJCHMAN, M.A., JOSEPH, S., ROBERGE, B., SMITH, E.K.M. & Ludwin, D. Production in vitro of antibodies directed against alloalloantigen-specific recognition sites on T cells and on lymphocytotoxic HLA antibodies, 222

SINGH, B., HO, M., LOOAREESUWAN, S., MATHAI, E., WARRELL, D.A. & HOMMEL, M. Plasmodium falciparum: inhibition/reversal of cytoadherence of Thai isolates to melanoma cells by local immune sera, 145 SIRACUSANO, A., TEGGI, A., QUINTIERI, F., NOTARGIACOMO, S., DE ROSA, F. & VICARI, G. Cellular immune responses of hydatid patients to Echinococcus granulosis antigens, 400

SKVARIL, F. see WINKLER, T.H. SMITH, E.K.M. see SINGAL, D.P.

SONNENFELD, G. see HERSHMAN, M.J. SORG, C. see ZWADLO, G.

SPENCER, J.M. see THOMPSON, H.S.G.

STAINES, N.A. see THOMPSON, H.S.G. STANFORD, J.L. see BAHR, G.M.

STEVENS, W.J. see DE CLERK, L.S.

STEWART, K.M. see CUNNINGHAM, C.

STITES, D. see KROWKA, J.

Su, H-L., Huang, M.H., Yu, C.L., Han, S.H., Chiang, B.N. & Wang, S.R. The mechanisms of inhibitory effects of liver extract on lymphocyte proliferation: II. Inhibition of DNA, RNA and protein synthesis and their relationship to the effects of metabolic inhibitors, 228

SUNDQVIST, V-A. see LJUNGMAN, P. SUNDOVIST, V-A. see MATHIESEN, T.

TAKAGI, S., INADA, M., OKAWA, H. & YATA, J. Differential effects of dibutyryl cyclic adenosine monophosphate and simple sugars on NK and LAK activities suggesting differences of their cytotoxic mechanism, 232

TANAKA, M., SHINOHARA, K., FUKUMOTO, T., TANAKA, H. & KANEKO, T. Effect of Cyclosporin A on rat thymus: time course analysis by immunoperoxidase technique and flow cytofluorometry, 216

TANAKA, H. see TANAKA, M.

TARKOWSKI, A., JONSSON, R., SANCHEZ, R., KLARESKOG, L. & KOOP-MAN, W.J. Features of renal vasculitis in autoimmune MRL-lpr/lpr mice: phenotypes and functional properties of infiltrating cells, 91 TCHORZEWSKI, H. see SELMAJ, K.

TEGGI, A. see SIRACUSANO, A. TEZUKA, H. see EGUCHI, K.

THOMPSON, H.S.G., HENDERSON, B., SPENCER, J.M., HOBBS, S.M., PEPPARD, J.V. & STAINES, N.A. Tolerogenic activity of polymerized type II collagen in preventing collagen-induced arthritis in rats, 20

TICE, D.G. & DAVEY, F.R. The T-lymphocyte colony-forming cell (T-CFC): in vitro studies of progenitors and progeny, 242

TORRESANI, C. see FERRARI, C. TOUSSAINT, C. see GOLDMAN, M.

TRONCONE, R. & FERGUSON, A. Gliadin presented via the gut induces oral tolerance in mice, 283

TSUJII, T. see KURIYAMA, S. TSUNEMATSU, T. see OGAWA, H. TURNER, B.M. see FELLOWS, G.

UEKI, Y. see EGUCHI, K.

VADAS, M.A. see WILLIAMSON, D.J. VALDIMARSSON, H. see GRIFFITHS, C.E.M. VALENTUN, R.M. see VAN DEN WALL BAKE, A.W.L. VAN DER ARK, A. see VAN DEN WALL BAKE, A.W.L. VAN ES, L.A. see LOBATTO, S VAN ES, L.A. see VAN DEN WALL BAKE, A.W.L.

VAN ARKEL-VIGNA, E. see MARWITZ, P.A. VAN DEN BERG, W.B. see VAN DEN BROEK, M.F.

VAN DEN BROEK, M.F., VAN DEN BERG, W.B., ARNTZ, O.J. & VAN DE PUTTE, L.B.A. Reaction of bacterium-primed murine T cells to cartilage components: a clue for the pathogenesis of arthritis? 9

VAN DEN WALL BAKE, A.W.L., DAHA, M.R., RADL, J., HAAIJMAN, J.J., VAN DER ARK, A., VALENTIJN, R.M. & VAN ES, L.A. The bone marrow as production site of the IgA deposited in the kidneys of patients with IgA nephropathy, 320

VAN DE PUTTE, L.B.A. see VAN DEN BROEK, M.F.

VANDERVORST, P. see GOLDMAN, M.

VEGLIA, F. see MATERA, L.

VICARI, G. see SIRACUSANO, A.

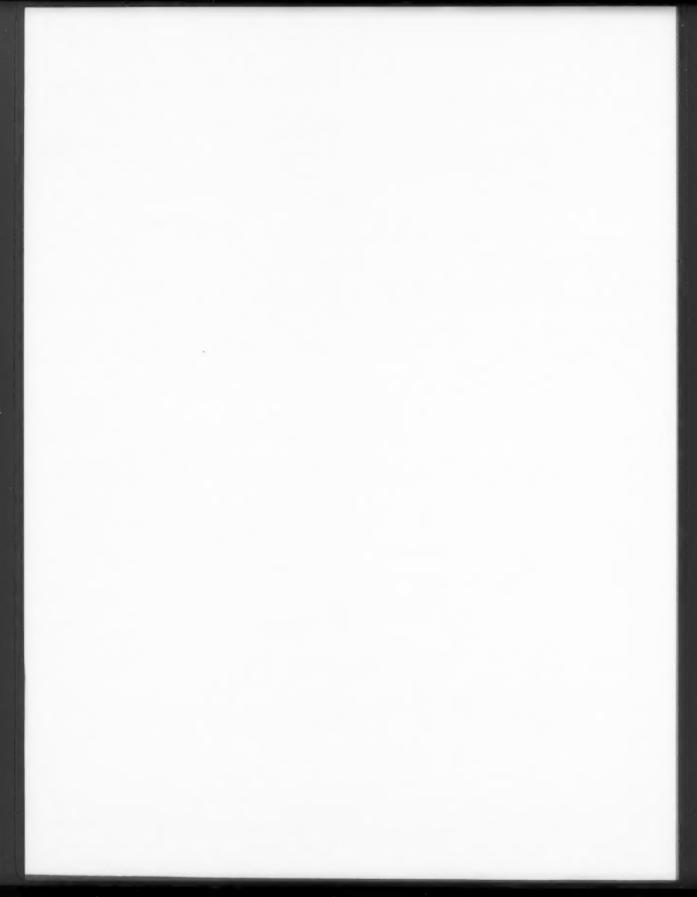
VIERUCCI, A. see Rossi, M.E.

VILLARO, J., IBARROLA, A.S. & PURROY, A. Role of the plasma contact system in the pathogenesis of experimental anti-GBM glomerulonephritis, 98

VOETMAN, A.A. see LOBATTO, S. VON HERBAY, A. see MOMBURG, F.

- VOSSEN, J.M. see KORVER, K.
- VUK-PAVLOVIĆ, Z. & ROHRBACH, M.S. An in vitro model for the induction of angiotensin-converting enzyme in sarcoidosis: possible parallels to the immune response, 499
- WAHREN, B. see LJUNGMAN, P. WAHREN, B. see MATHIESEN, T.
- WAINBERG, M.A., NUMAZAKI, K., DESTEPHANO, L., WONG, I. & GOLDMAN, H.Y. Infection of human thymic epithelial cells by human cytomegalovirus and other viruses: effect on secretion of interleukin 1-like activity, 415
- WAINRIGHT, A. see FELLOWS, G.
- WALKER-SMITH, J.A. see FERNANDEZ, N.
- WALPORT, M.J. see MOLDENHAUER, F.
- WANG, S.R. see Su, H-L.
- WARD, D.C., MICHALEK, S.M. & MCGHEE, J.R. Monoclonal antibodies to salmonella lipopolysaccharide: functional analysis of anti-lipid A antibodies, 157
- Ward, F.E. see BARRETT, M.J.
- WARRELL, D.A. see SINGH, B.
- WEILBOUSSON, M. see CLAVERIE, N.
- WEILL, B.J. & RENOUZ, M.L. Mononuclear phagocytes from patients with active systemic lupus crythematosus down-regulates the specific in vitro reactivity of autologus lymphocytes to double-stranded DNA, 43
- WEIR, D.G. see KELLY, L.P.
- WELCH, T.R., KLESATTEL, A. & BEISCHEL, L. Inhibition of immune complex solubilization by sera of patients with membranoproliferative glomerulonephritis, 98
- WERYHA, A. see PASQUALI, J.-L.
- WILHELM, L. see KROWKA, J.

- WILLIAMSON, D.J., BEGLEY, C.G., VADAS, M.A. & METCALF, D. The detection of initial characterization of colony-stimulating factors in synovial fluid, 67
- WILLIS, G. see GORRELL, M.D.
- WINKLER, T.H., HENSCHEL, T.A., KALIES, I., BAENKLER, H-W., SKVARIL, F. & KALDEN, J.R. Constant isotype pattern of anti-dsDNA antibodies in patients with systemic lupus erythematosus, 434
- WOLFSON, M., SHINWELL, E.S., ZVILLICH, M. & RAGER-ZISMAN, B. Inhibitory effect of retinoic acid on the respiratory burst of adult and cord blood neutrophils and macrophages: potential implication to bronchopulmonary dysplasia, 505
- WONG, I. see WAINBERG, M.A.
- WOO, P. see ROSENBAUM, J.
- WYBRAN, J. see DEVIERE, J.
- YATA, J. see TAKAGI, S. YATA, J. see SEKINO, T.
- YOSHIKAWA, M. see KITAGAMI, S.
- VOLUME D. D. COO DELINATE W. I.
- YOUNG, P.R. see PEHNALE, W.J.
- Yu, C.L. see Su, H-L.
- ZABAY, J.M. see FERNANDEZ-CRUZ, E.
- ZEGERS, B.J.M. see MARWITZ, P.A.
- ZETTERQVIST, L. see LJUNGMAN, P.
- ZVILLICH, M. see WOLFSON, M.
- ZWADLO, G., BRUGGEN, J., GERHARDS, G., SCHLEGEL, R. & SORG, C. Two calcium-binding proteins associated with specific stages of myeloid cell differentiation are expressed by subsets of macrophages in inflammatory tissues, 510
- ZWINGENBERGER, K. see JOSIMOVIC-ALASEVIC, O.



Subject Index

Actinomycin, D, 228 Activation markers, 303, 377 Activity antiidiotypic, 130 AIDS, 179, 190 predictors of progression to, 190 Alcoholic cirrhosis, 377 Anaesthetic, 330 Angiotensin-converting enzyme, 499 Antibodies, 26, 151, 330 anticentromere, 457 anti-dsDNA, 434 antihistone, 50 antiidiotyic, 222 antithyroglobulin, 486 cluster, 351 cross-linking, 315 gliadin, 284 insulin, 326 microsomal, 481 monoclonal, 216, 357 monoclonal antilipid A, 157 synthesis, 481 TSH receptor, 481 Anti-CDllb, 357 Anti-DNA, 50 Anti-dsDNA plaque-forming cell, 43 Anti-GBM glomerulonephritis, 98 Antigens, 330 presentation, 84, 201, 260 class I MHC, 260 class II MHC, 260 Arthritis, 9, 20, 67 adjuvant, 476 rheumatoid, 15, 26, 37, 60, 470 Autoantibody, 465 Autoimmunity, 1, 79, 293, 440 Bacteria, 9 Bioassay, 422 Biotin-avidin ELISA, 486 Blood transfusion, 130 Bone marrow, 321 Bronchoalveolar lavage, 309 Bronchopulmonary dysplasia, 505 Clq, 37 Cartilage crossreactivity to, 9 CD7, 470 Cells, 168 B activation, 79 CD4+, 446 leukaemia, 303 Lymphokine activated killer, 233

artilage crossreactivity to, 9
D7, 470
ells, 168
B activation, 79
CD4⁺, 446
leukaemia, 303
Lymphokine activated killer, 233
melanoma, 145
mucosal mast, 136
natural killer, 233, 299, 394
natural killer-like, 303
OKT4⁺, 446
spleen transfer, 476
suppressor, 238
suppressor, 238
suppressor-inducer, 476
thyroglobulin-specific B, 486
thyroglobulin-specific T, 486
T activation, 249
T hybridomas, 255
T subsets, 274, 357

Cellular immune dysfunction, 190 Centromere, 465 Chimera, 118 Collagen type II, 20 Colony-stimulating factors, 67 Complement, 103 Complement, 3, 74 Complexes circulating immune, 55 immune, 103, 164 Contact system, 98 Cyclic AMP, 233 Cyclosporin A, 136 Cyclosporin A, 130, 216 Cytoadherence, 145 Cytokines, 422 Cytomegalovirus, 415 Cytotoxicity antibody-dependent cell-mediated, 211 233

Dermatitis herpetiformis, 280
Diabetes, 1
Disease autoimmune, 288
chronic graft-versus-host, 267
coeliac, 280, 362
Chron's 367, 373
hydatid, 400
Graves', 84, 481
parasitic, 249
systemic rheumatic, 440
DNA repair, 15
Drug addicts, 190

Echinococcus, 400 Echinococcus/hydatidosis, 400 ELISA, 207 Endothelium, 450 Engraftment maternal, 118 Enteropathy, 108 Envelope glycoprotein, 179 Erythrocyte, 74

Family study, 15 Fibronectin, 37 Flow cytofluorometry, 216

Gliadin, 284 Glomerulonephritis, 103 Graft-versus-host reaction, 108 Granuloma, 499 Gut, 20 Gut mucosa, 274

Haemorrhage, 238
Haemorrhagic serum, 238
Hashimoto's thyroiditis, 486
Hepatitis B, 383
HLA-B27, 410
HLA-D-associated invariant chain, 357
HLA-DP, 367
HLA-DR expression, 267, 362, 367
Human leucocytes, 505
Human monocyte determinants, 260

IDDM, 362 IgA nephropathy, 344 IgA polymeric, 344 IgD, 337 IgE, 32 IgG, 434 aggregates, 55 subclasses, 164, 196, 207, 211, IgM, 516 Ig synthesis in vitro, 321 Immune complexes, 32 Immune lung injury, 493 Immune reconstitution, 337 Immune response, 330 Immunoadsorption, 326 Immunoassay, 422 Immunoblotting, 457 Immunodeficiency, 124 Immunodeficiency severe combined, 118 Immunoelectronmicroscopy, 357 Immunofluorescence, 357 Immunoglobulin, A nephropathy, 321 Immunoglobulin A subclasses, 321 Immunoglobulin class and subclass, 440 Immunoglobulins, 141, 309 Imunohistochemistry, 216 Immunohistology, 510 Immunosuppression, 174 Immunoglobulin production, 321 Infection, 394 arthritis, 410 HIV, 186, 190 lethal, 157 nematode, 274 Inflammation, 510, In-situ immune complex, 486, 493 Insulin, 1 Insulitis, 1 Interferon, 394, 406 gamma, 124 Interleukin 1, 410, 422, 428 Interleukin 2, 60, 124, 179, 428 inhibitor, 60 production, 377 receptor, 249, 377, 428 Interleukin 4, 255 Irradiation, 288 Islets, 1 Isotype pattern, 434

Kidney, immunopathology, 315 Klebsiella pneumoniae, 406

Lamina propria, 280 Lectin, 493 Leishmaniasis, 249 Letter to the Editor, 350 Lipid A, 157 Lipopolysaccharide, 157 Liposomes cytotoxic, 168 Lithium, 383 Liver extract, 228 Lymphocytes, 238, 373, 415 human, 141 inhibition, 228 intraepithelial, 274 large granular, 303 phenotypes, 91 Lymphocytes, T, 113, 390, 470 colonies, 243 immunofluorescence, 280 maturation, 243 phenotypes, 243 proliferation, 243 subsets, 186

α₂-Macroglobulin, 516 Macrophages, 373, 510 Malaria, 249 cerebral, 145 O6-Methylguanine, 15 MHC class II, 274 mice C57B/cdj, 151 MRL/1, 91 MRL-lpr/lpr, 228, 238 neonatal, 108 Microbial flora, 288 MIF, 510 Mitogen induced proliferation, 377 Mitomycin C, 228 Monocyte, 84, 499 neonatal, 260 Monokines, 410 Mononuclear phagocytes, 43 Mouse macrophages, 516 MPS function, 55 Multiple sclerosis, 428 Mucosal immunity, 284 Murine lupus, 50 Mycobacterium Leprae, 390 tuberculosis, 390 Mycobacteria, 26 Myeloma, 351

Neonatal allotolerance, 79 Nephritis Heymann, 315

Ontogeny, 201 Oral adjuvant, 383 tolerance, 284

Parotin, 383
PBMC proliferation, 400
Phagocytosis, 516
Phenotype, 351
Phorbol myristate acetate, 505
Plasma exchange, 326
Plasmodium falciparum, 145
Pneumococcal polysaccharides, 151
Pneumonitis, 314
Polyamines inhibition, 141, 293
Polymerization, 20
Prostaglandin, 43
Protein deprivation, 113
Proximal tubules, 315
Puromycin, 228

Rabbits, 326
Radiation ultraviolet, 174
Rats, high molecular weight kininogen, 98
plasma prekallicrein deficient, 98
specific pathogen-free, 288
Raynaud's phenomenon, 465
Receptors complement, 74
Respiratory burst, 505
Responses proliferative, 91
Retinoic acid, 505
Rheumatoid factor, 32

S-100 protein, 357 Salivary glands, 267 Salmonella minnesota, 157 Salmonella typhimurium, 157 Sarcoidosis, 499 Schistosomiasis, 249 Scleroderma, 450 Secretory component, 344 Skin tests, 390 Spleen, 151 Subclass, 434 Sugar phosphorylated, 233 Syndrome, Sjögren's, 267, 299 Synovial fluid, 37, 60, 67, 422 Systemic lupus erythematosus, 43, 55, 74, 293, 434, 446, 450 Systemic sclerosis, 457

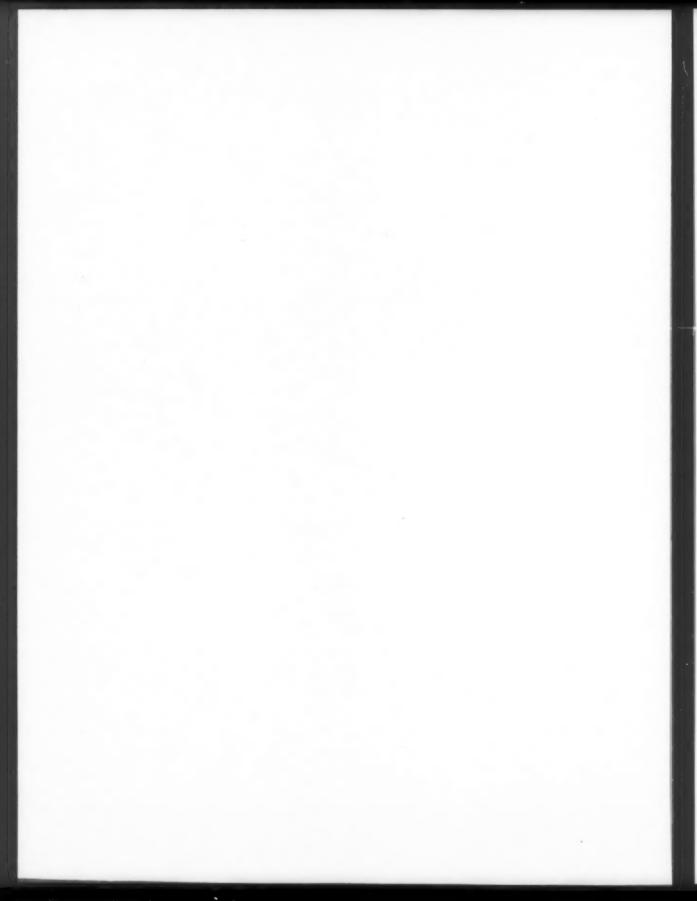
Taurine, 383
Thymectomy, 288
Thymus, 216
Thyrocyte, 84
Thyroidetcomy, 481
Thyroiditis, 288
Toxoplasma gondii
Transplantation, 222
Transplantation bone marrow, 118, 168, 267, 309, 337
Transplantation bone marrow, 337
Tuberculin, 390
Tuberculous adenitis, 186

Urocanic acid, 174

Vaccine, 383
Vaccination, 196
Vasculitis autoimmune, 91
Virus cytomegalvirus, 179
hepatitis B, 164, 196
herpes simplex, 201, 211, 219
human immunodeficiency, 179, 186, 190
neutralization, 211
Volatile halothane, 330

Wound infection, 406

Yersinia, 410



CLINICAL AND EXPERIMENTAL IMMUNOLOGY

CONTENTS

Vol. 72 No. 1 April 1988 J-F. Bach: Review: Mechanisms of autoimmunity in insulin-dependent diabetes mellitus	1	F. MOLDENHAUER, M. BOTTO & M. J. WALPORT: The rate of loss of CR1 from ageing erythrocytes in vitro in normal subjects and SLE patients: no correlation with structural or numerical polymorphisms	74
MARIES F. VAN DEN BROEK, WIM B. VAN DEN BERG, ONNO J. ARNTZ & LEVINUS B. A. VAN DE PUTTE: Reaction of bacterium-primed murine T cells to cartilage components: a clue for the pathogenesis of arthritis?	9	M. GOLDMAN, D. ABRAMOWICZ, P. LAMBERT, P. VANDER- VORST, CATHERINE BRUYNS & C. TOUSSAINT: Hyper- activity of donor B cells after neonatal induction of lymphoid chimerism in mice	79
C. B. COLACO, G. HARRIS, P. D. LAWLEY, P. M. LYDYARD & I. M. ROITT: Deficient repair of O ⁶ -methylguanine in lymphocytes from rheumatoid arthritis families may be an acquired defect	15	K. EGUCHI, T. OTSUBO, Y. KAWABE, CHIKAKO SHIMO- MURA, Y. UEKI, H. NAKAO, H. TEZUKA, MAYUMI MATSU- NAGA, T. FUKUDA, N. ISHIKAWA, K. ITO & S. NAGATAKI: Synergy in antigen presentation by thyroid epithelial cells	
H. S. G. THOMPSON, B. HENDERSON, JO M. SPENCER, S. M. HOBBS, JANE V. PEPPARD & N. A. STAINES: Tolerogenic activity of polymerized type II collagen in preventing collagen-induced arthritis in rats	20	A. TARKOWSKI, R. JONSSON, ROSARIO SANCHEZ, L. KLARESKOG & W. J. KOOPMAN: Features of renal vasculitis in autoimmune MRL-lpr/lpr mice: phenotypes and	84
G. M. BAHR, G. A. W. ROOK, S. SHAHIN, J. L. STANFORD, M. I. SATTAR & K. BEHBEHANI: HLA-DR-associated isotype-specific regulation of antibody levels to mycobacteria in rheumatoid arthritis	26	functional properties of infiltrating cells J. VILLARO, A. SANCHEZ IBARROLA & A. PURROY: Role of the plasma contact system in the pathogenesis of experi- mental anti-GBM glomerulonephritis	91
L. S. DE CLERK, P. L. GIGASE, C. H. BRIDTS & W. J. STEVENS: Role of IgM-rheumatoid factor interference in the determination of total serum IgE and IgE-containing circulating immune complexes	32	T. R. Welch, Amy Kleesattel & Linda Beischel: Inhibition of immune complex solubilization by sera of patients with membranoproliferative glomerulonephritis	103
S. E. CARSONS, S. SCHWARTZMAN, H. S. DIAMOND & ELLEN BERKOWITZ: Interaction between fibronectin and C1q in rheumatoid synovial fluid and normal plasma	37	MICHELLE V. FELSTEIN & A. MCI. MOWAT: Experimental studies of immunologically mediated enteropathy: IV. Correlation between immune effector mechanisms and type of enteropathy during a GvHR in neonatal mice of	
B. J. WEILL & M. L. RENOUX: Mononuclear phagocytes from patients with active systemic lupus erythematosus down-regulates the specific in vitro reactivity of autolo- gous lymphocytes to double-stranded DNA	43	A. G. LAMONT, MARGARET GORDON & ANNE FERGUSON: T lymphocyte function in protein derived mice	103
M. G. COHEN, K. M. POLLARD & L. SCHRIEBER: Relationship of age and sex to autoantibody expression in MRL+/+ and MRL-lpr/lpr mice: demonstration of an association between the expression of antibodies to histones, denatured DNA and Sm in MRL-+/+ mice	50	M. J. BARRETT, REBECCA H. BUCKLEY, SHERRIE E. SCHIFF, PAULA C. KIDD & FRANCES E. WARD: Accelerated development of immunity following transplantation of maternal marrow stem cells into infants with severe combined immunodeficiency and transplacentally	
S. LOBATTO, M. R. DAHA, F. C. BREEDVELD, E. K. J. PAUWELS, JEANNETTE H. EVERSSCHOUTEN, A. A. VOETMAN, A. CATS & L. A. VAN ES: Abnormal clearance of soluble aggregates of human immunoglobulin G in patients with systemic lupus erythematosus	55	acquired lymphoid chimerism R. Paganelli, Maria R. Capobianchi, Barbara Ensoli, G. P. D'Offizi, Jole Facchini, F. Dianzani & F. Aiuti: Evidence that defective gamma interferon production in patients with primary immunodeficiencies is due to intrin-	118
P. EMERY, KAY C. GENTRY, ANNE KELSO & I. R. MACKAY: Interleukin 2 inhibitor in synovial fluid D. J. WILLIAMSON, C. G. BEGLEY, M. A. VADAS & D. METCALF: The detection and initial characterization of	60	sic incompetence of lymphocytes C. CUNNINGHAM, D. A. POWER, K. N. STEWART & G. R. D. CATTO: The influence of cyclosporin A on alloantibody responses in inbred rats: provisional evidence for a serum	124

67

factor with antiidiotypic activity

130

METCALF: The detection and initial characterization of

colony-stimulating factors in synovial fluid

A. G. Cummings, G. H. Munro & Anne Ferguson: Effect of cyclosporin A on rat mucosal mast cells and the associated protease RMCPII	136	T. Mathiesen, M. A. A. Persson, Vivi-Anne Sundqvist & Britta Wahren: Neutralization capacity and antibody dependent cell-mediated cytotoxicity of separated IgG	211
JL. PASQUALI, P. S. MAMONT, A. WERYHA, ANNE-MARIE KNAPP, ANNE BLERVAQUE & MARLYSE SIAT: Immunosuppressive effects of (2R, 5R)-6-heptyne-2,5-diamine: an inhibitor of polyamine synthesis: I. Effects on mitogeninduced immunoglobulin production in human cultured lymphocytes.	141	M. TANAKA, K. SHINOHARA, T. FUKUMOTO, H. TANAKA & T. KANEKO: Effect of Cyclosporin A on rat thymus: time course analysis by immunoperoxidase technique and flow cytofluorometry	211
lymphocytes B. Singh, May Ho, S. Looareesuwan, Elizabeth Mathal, D. A. Warrell & M. Hommel: <i>Plasmodium falciparum</i> : inhibition/reversal of cytoadherence of Thai isolates to melanoma cells by local immune sera	145	D. P. SINGAL, M. A. BLAJCHMAN, SARAMMA JOSEPH, BRENDA ROBERGE, E. K. M. SMITH & D. LUDWIN: Production in vitro of antibodies directed against alloantigenspecific recognition sites on T cells and on lymphocytotoxic HLA antibodies	222
DEIRDRE A. COHN & G. SCHIFFMAN: Minimal role for the spleen in antibody responses of C57BR/cdj mice to pneumococcal polysaccharide antigens DAWN COLWELL WARD, SUZANNE M. MICHALEK & JERRY	151	HER-LIN SU, M. H. HUANG, C. L. YU, S. H. HAN, B. N. CHIANG & S. R. WANG: The mechanisms of inhibitory effects of liver extract on lymphocyte proliferation: II. Inhibition of DNA, RNA and protein synthesis and their	
R. McGhee: Monoclonal antibodies to salmonella lipopolysaccharide: functional analysis of anti-lipid A antibodies S. RATH & MADELEINE E. DEVEY: IgG subclass compo-	157	relationship to the effects of metabolic inhibitors S. Takagi, M. Inada, H. Okawa & J. Yata: Differential effects of dibutyryl cyclic adenosine monophosphate and simple sugars on NK and LAK activities suggesting	228
sition of antibodies to HBsAg in circulating immune complexes from patients with hepatitis B virus infections	164	differences of their cytotoxic mechanism E. Abraham & Yi-Han Chang: Generation of function-	232
A. G. GRAY, JANET MORGAN, D. C. LINCH & E. R. HEUHNS: Uptake of antibody directed cytotoxic liposomes by CD3 on human T cells	168	ally active suppressor cells by haemorrhage and haemorrhagic serum	237
TAMMY G. HARRIOT-SMITH & W. J. HALLIDAY: Suppression of contact hypersensitivity by short-term ultraviolet	100	DIANE G. TICE & F. R. DAVEY: The T-lymphocyte colony- forming cell (T-CFC): <i>in vitro</i> studies of progenitors and progeny	242
irradiation: II. The role of urocanic acid Vol. 72 No. 2 May 1988 J. KROWKA, D. STITES, J. MILLS, H. HOLLANDER, T. MCHUCH, M. BUSCH, I. WILLER, & L. BLACKWOOD,	174	O. Josimovic-Alasevic, H. Feldmeier, K. Zwingenberger, G. Harms, H. Kahn, M. Shrisuphanunt & T. Diamanstein: Interleukin 2 receptor in patients with localized and systemic parasitic diseases	248
T. McHugh, M. Busch, L. Wilhelm & L. Blackwood: Effects of interleukin 2 and large envelope glycoprotein (gp120) of human immunodeficiency virus (HIV) on	170	U. SCHAUER: B cell growth factor activity in supernatants of MRL-lpr/lpr derived T cell hybridomas	254
lymphocyte proliferative responses to cytomegalovirus JEN-YEE SHEN, P. F. BARNES, T. H. REA & P. R.MEYER: Immunohistology of tuberculous adenitis in symptomatic HIV infection	179	P. A. MARWITZ, ELISABETH VAN ARKEL-VIGNA, G. T. RIJKERS & B. J. M. ZEGERS: Expression and modulation of cell surface determinants on human adult and neonatal monocytes	259
E. Fernandez-Cruz, Ana M. Fernandez, Carmen Gutierrez, M. Garcia-Montes, M. Teresa de la Morena, J. Rodriguez-Villanueva, Natividad Longo & J. M. Zabay: Progressive cellular immune impairment leading to development of AIDS: two-year prospective		G. LINDAHL, BERIT LÖNNQUIST & EVA HEDFORS: Lymphocyte infiltration and HLA-DR expression of salivary glands in bone marrow transplant recipients: a prospective study M. D. GORRELL, G. WILLIS, M. R. BRANDON	266
study of HIV infection in drug addicts MARIA ELISABETTA ROSSI, CHIARA AZZARI, M. RESTI, C. APPENDINO, PAOLO PEZZATI & A. VIERUCCI: Selectivity in	190	& A. K. Lascelles: Lymphocyte phenotypes in the intes- tinal mucosa of sheep infected with <i>Trichostrongylus</i> colubriformis	273
IgG subclass response to hepatitis B vaccine in infants born to HBsAg-positive mothers	196	C. E. M. GRIFFITHS, I. G. BARRISON, J. N. LEONARD, KARENNA CAUN, H. VALDIMARSSON & L. FRY: Preferen- tial activation of CD4 T lymphocytes in the lamina	
S. E. M. Howie, M. Norval, J. P. Maingay, J. A. Ross & W. A. Neill: The role of antigen presentation in the ontogeny of immune responses to herpes simplex virus	201	propria of gluten-sensitive enteropathy R. TRONCONE & ANNE FERGUSON: Gliadin presented via	279
P. LJUNGMAN, L. ZETTERQVIST, VIVI-ANNE SUNDQVIST, S. JEANSSON, A. HEIMDAHL & BRITTA WAHREN: Lymphocyte and IgG responses to different herpes simplex virus	207	W. J. PENHALE & P. R. YOUNG: The influence of the normal microbial flora on the susceptibility of rats to	283
antigens in patients with frequent HSV-1 reactivations	207	experimental autoimmune thyroiditis	287

NICOLE CLAVERIE, JL. PASQUALI, P. S. MAMONT, C. DANZIN, MARGUERITE WEIL-BOUSSON & MARLYSE SIAT: Immunosuppressive effects of (2R,5R)-6-heptyne-2,5-diamine, an inhibitor of polyamine synthesis: II. Beneficial		C. FERRARI, P. SANSONI, G. ROWDEN, G. C. MANARA, C. TORRESANI & G. DE PANFILIS: One half of the CD11B+human peripheral blood Tlymphocytes coexpresses the S-100 protein	357
effects on the development of a lupus-like disease in MRL-lpr/lpr mice B. K. PEDERSEN & P. OXHOLM: Impaired release of natural	292	N. FERNANDEZ, G. A. HITMAN, H. FESTENSTEIN, LOUISE GARDE, M. LABETA, J. A. WALKER-SMITH & J. A. SACHS: Novel HLA Class II-associated structural patterns in	262
killer cytotoxic factor in patients with primary Sjögren's syndrome	298	F. Momburg, Karin Koretz, A. von Herbay & P.	362
LINA MATERA, R. FOA, F. MALAVASI, GRAZIELLA BEL- LONE, ADA FUNARO, F. VEGLIA & DANIELA SANTOLI: Generation of non-MHC restricted killing in cultures stimulated with B cells from chronic lymphocytic leukae-		Möller: Nonimmune human cells can express MHC class II antigens in the absence of invariant chain—an immunohistological study on normal and chronically inflamed small intestine	367
mia patients: phenotypic characterization of the precursor and effector cells	302	P. GIONCHETTI, Y. R. MAHIDA, S. PATEL & D. P. JEWELL: Macrophage and lymphocyte subpopulations in magnify- ing endoscopic lesions of Crohn's disease	373
HEATHER J. MILBURN, JANE E. GRUNDY, R. M. DU BOIS, H. G. PRENTICE & P. D. GRIFFITHS: Humoral immune responses within the lung of bone marrow transplant recipients studied by bronchoalveolar lavage	308	J. DEVIÈRE, C. DENYS, L. SCHANDENE, F. ROMASCO, M. ADLER, J. WYBRAN & E. DUPONT: Decreased proliferative activity associated with activation markers in patients with alcoholic liver cirrhosis	377
M. Brodkin & Bernice Noble: Antibody-mediated proliferation of proximal tubule cells requires cross-linking of antigenic determinants	314	S. KURIYAMA, T. TSUJII, S. ISHIZAKA, E. KIKUCHI, K. KINOSHITA, K. NISHIMURA, K. KITAGAMI, M. YOSHIKAWA & M. MATSUMOTO: Enhancing effects of oral adjuvants on anti-HBs responses induced by hepatitis B vaccine	383
A. W. L. VAN DEN WALL BAKE, M. R. DAHA, J. RADL, J. J. HAAIJMAN, A. VAN DER ARK, R. M. VALENTIJN & L. A. VAN Es: The bone marrow as production site of the IgA deposited in the kidneys of patients with IgA nephropath	y 320	P. P. ROBERTS, HAZEL M. DOCKRELL & K. P. W. McADAM: Evidence that the Mitsuda reaction to Mycobacterium leprae can be mediated by lymphocytes responsive to Mycobacterium tuberculosis	390
B. CHARLTON, G. ANTONY, S. G. COOPER & K. SCHIND- HELM: A comparison of the effects of plasma exchange and immunoadsorption on anti-insulin antibody synthesis in rabbits	325	H. P. A. Hughes, L. H. Kasper, June Little & J. P. Dubey: Absence of a role for natural killer cells in the control of acute infection <i>Toxoplasma gondii</i> oocysts	394
T. P. ROTH, ANDREA K. HUBBARD, A. J. GANDOLFI & B. R. BROWN: Chronology of halothane-induced antigen expression in halothane-exposed rabbits	329	ALESSANDRA SIRACUSANO, ANTONELLA TEGGI, FRAN- CESCA QUINTIERI, S. NOTARGIACOMO, F. DE ROSA & G. VICARI: Cellular immune responses of hydatid patients to	
K. Korver, J. Radl, P. Th., A. Schellekens & J. M. Vossen: Transient increase of serum IgD levels after allogeneic bone-marrow transplantation	336	Echinococcus granulosis antigens M. J. Hersham, H. C. Polk Jr, J. D. Pietsch, Daniela	400
C. Jones, N. Mermelstein, Priscilla Kincaid-Smith, H.	330	KUFTINEC & G. SONNENFELD: Modulation of Klebsiella pneumoniae infection of mice by interferon-γ	406
POWELL & D. ROBERTSON: Quantitation of human serum polymeric IgA, IgA ₁ and IgA ₂ immunoglobulin by enzyme immunoassay	343	H. Repo, M. Jäättelä, M. Leirisalo-Repo & M. Hurme: Production of tumour necrosis factor and interleukin 1 by monocytes of patients with previous Yersinia arthritis	410
Letter to the Editor		M. A. WAINBERG, KEI NUMAZAKI, LUCIE DESTEPHANO,	
L. P. Kelly, C. F. Feighery & D. G. Weir: Immunoglobulin A1 and A2 subclass of salivary antibodies to <i>Candida albicans</i> in patients with oral candidosis	349	INES WONG & HY GOLDMAN: Infection of human thymic epithelial cells by human cytomegalovirus and other viruses: effect on secretion of interleukin 1-like activity	415
Vol. 72 No. 3 June 1988		S. J. HOPKINS, M. HUMPHREYS & M. I. V. JAYSON: Cytokines in synovial fluid: I. The presence of biologically active and immunoreactive IL-1	
N. Jackson, N. R. Ling, Jennifer Ball, Elaine Bro- Midge, P. D. Nathan & I. M. Franklin: An analysis of myeloma plasma cell phenotype using antibodies defined at the IIIrd international workshop on human leucocyte differentiation antigens	351	К. Selmaj, Z. Nowak & H. Тснórzewski: Multiple sclerosis: effect of myelin basic protein on interleukin 1, interleukin 2 production and interleukin 2 receptor ex- pression in vitro.	

T. W. A. DE BRUIN, NILIMA A. PATWARDHAN, ROSALIND S. T. H. WINKLER, T. A. HENSCHEL, INGE KALIES, H.-W. BAENKLER, F. SKVARIL & J. R. KALDEN: Constant isotype BROWN & L. E. BRAVERMAN: Graves' disease: changes in TSH receptor and anti-microsomal antibodies after thyrpattern of anti-dsDNA antibodies in patients with sys-434 oidectomy 481 temic lupus erythematosus GILLIAN FELLOWS, N. GITTOES, D. G. I. SCOTT, J. S. T. SEKINO, Y. SHISHIBA, B. INATSUKI & J. YATA: Hetero-COPPOCK, A. WAINWRIGHT, MARGARET GOODALL & B. geneity of the immune status concerning anti-thyroglobu-M. TURNER: Individual variation in the isotype profile of lin antibody production among patients with Hashimoanti-histone autoantibodies in systemic lupus erythematoto's thyroiditis: an in vitro study 486 440 S. RAZIUDDIN & B. H. DANIAL: OKT4+ T cell deficiency N. W. BOYCE & S. R. HOLDSWORTH: A new experimental model of in-situ immune complex disease of the lung 493 and an association of immunoglobulin deficiency in systemic lupus erythematosus 446 ZVEZDANA VUK-PAVLOVIĆ & M. S. ROHRBACH: An in vitro J. ROSENBAUM, B. E. POTTINGER, PATRICIA WOO, CAROL model for the induction of angiotensin-converting enzyme M. BLACK, S. LOIZOU, MARGARET A. BYRON & J. D. in sarcoidosis: possible parallels to the immune response PEARSON: Measurement and characterization of circulating anti-endothelial cell IgG in connective tissue diseases 450 M. WOLFSON, E. S. SHINWELL, M. ZVILLICH & B. RAGER-N. J. McHugh, I. E. James & P. J. Maddison: Differential ZISMAN: Inhibitory effect of retinoic acid on the respiraisotype recognition of two centromere associated polytory burst of adult and cord blood neutrophils and peptides by immunoblotting in connective tissue disease macrophages: potential implication to bronchopulmonary dysplasia 505 L. KREMER, J. M. ALVARO-GRACIA, C. OSSORIO & J. AVILA: Proteins responsible for anticentromere activity GABRIELE ZWADLO, J. BRÜGGEN, G. GERHARDS, RENATE found in the sera of patients with CREST-associated SCHLEGEL & C. SORG: Two calcium-binding proteins Raynaud's phenomenon 465 associated with specific stages of myeloid cell differentia-A. I. LAZAROVITS & J. KARSH: Decreased expression of tion are expressed by subsets of macrophages in inflam-CD7 occurs in rheumatoid arthritis 470 510 matory tissues H. OGAWA T. TSUNEMATSU: Participation of suppressorinducer cells in the suppression of adjuvant arthritis by LOURDES ISAAC & M. MARIANO: The IgM receptor in transfer of spleen cells expanded by T cell growth factor 516 mouse peritoneal macrophages

